
 USPTO Form 1449
 Patent and Trademark Office, Department of Commerce

INFORMATION DISCLOSURE STATEMENT

Attorney Docket No.

19781/2062

Serial No.

10/719,746

Applicant(s): Vladimir I. Slepnev

Filing Date: November 21, 2003

Group: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
SC	1.	5,691,146	Nov 25, 1997	Mayrand	435	6	Sept. 11, 1996
SC	2.	6,221,600 B1	April 24, 2001	MacLeod, et al.	435	6	Oct. 8, 1999
SC	3.	5,210,015	May 11, 1993	Gelfand, et al.	435	6	Aug. 6, 1990

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

SC	4.	Holland, et al., "Detection of specific polymerase chain reaction product by utilizing the 5'—3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase", (1991), <i>Proc. Natl. Acad. Sci. USA</i> , 88:7276-7280.					
SC	5.	Borson, et al., "Direct Quantitation of RNA Transcripts by Competitive Single-Tube RT-PCR and Capillary Electrophoresis", (1998), <i>Biotechniques</i> , 25:130-137.					
SC	6.	Rajcevic, et al., "Assessment of differential expression of oncogenes in gastric adenocarcinoma by fluorescent multiplex RT-PCR assay", (2001), <i>Pflugers Arch., Eur. J. Physiol.</i> , 442 (6 Suppl 1):R190-192.					
SC	7.	Odin et al., "Rapid method for relative gene expression determination in human tissues using automated capillary gel electrophoresis and multicolor detection", (1999), <i>J. Chromatogr. B</i> , 734:47-53.					
SC	8.	George, et al., "Capillary electrophoresis methodology for identification of cancer related gene expression patterns of fluorescent differential display polymerase chain reaction", (1997), <i>J. Chromatogr. B</i> , 695:93-102.					
SC	9.	Omori, et al., "Comparative PCR: A Simple and Sensitive Method for Quantifying Low-Abundance mRNA Species", (2000), <i>Genomics</i> , 67:140-145.					

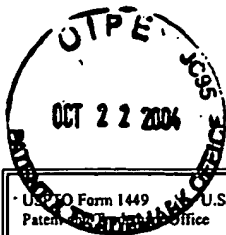
EXAMINER /Suryaprabha Chunduru/

DATE CONSIDERED

06/22/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**Copies of references not provided at the time of this submission.

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Applicant(s): Vladimir I. Slepnev

Filing Date: November 21, 2003

Group: 1645

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
SC	1.	US 6,495,326B2	Dec. 17, 2002	Kurane, et al.	435	6	Nov. 29, 2000
SC	2.	US 6,531,282B1	Mar. 11, 2003	Dau, et al.	435	6	May 30, 2000
SC	3.	US 6,482,615B2	Nov. 19, 2002	Tal, et al.	435	91.2	May 2, 2001
SC	4.	US 2002/0028452 A1	Mar. 7, 2002	Wittwer, et al.	C12Q	1/68	Feb. 20, 2001

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

SC	5.	International Search Report of International Application No. PCT/US03/37420

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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation
							YES NO
SC	1.	WO98/33942	August 6, 1998	PCT	C12Q	1/68	
SC	2.	WO00/66995	November 9, 2000	PCT	G01N	1/31	
SC	3.	WO02/16652	February 28, 2002	PCT	C12Q	1/68	
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SC	5.	Wiesner, Rudolf J., "Direct Quantification of Picomolar Concentrations of mRNAs by Mathematical Analysis of a Reverse Transcription/Exponential Polymerase Chain Reaction Assay," Nucleic Acids Research, Vol. 20, No. 21, 1992, pages 5863-5864.					
	6.	Wiesner, et al., "Counting Target Molecules by Exponential Polymerase Chain Reaction: Copy Number of Mitochondrial DNA in Rat Tissues," Biochemical and Biophysical Research Communications, Vol. 183, No. 2, 1992, pages 553-559.					
	7.	Meldrum, Deirdre, "Automation for Genomics, Part One: Preparation for Sequencing," Genome Research, Vol. 10, No. 8, 2000, pages 1081-1092.					
	8.	Garcia, et al., "Scalable Transcriptional Analysis Routine - Multiplexed Quantitative Real-Time Polymerase Chain Reaction Platform for Gene Expression Analysis and Molecular Diagnostics," Journal of Molecular Diagnostics, Vol. 7, No. 4, October 2005, pages 444-454.					
	9.	Sanchez-Vega, et al., "TaqMan Real-Time PCR Combined with Capillary Electrophoresis: A Novel and Rapid Approach That Allows Quantification and Accurate Size Determination of bcl-2/JH Fusion Sequences," Laboratory Investigation, Vol. 82, No. 1, January 2002, page 345A.					
	10.	Sanchez-Vega, et al., "Quantification of bcl-2/JH Fusion Sequences and a Control Gene by Multiplex Real-Time PCR Coupled with Automated Amplicon Sizing by Capillary Electrophoresis," Journal of Molecular Diagnostics, Vol. 4, No. 4, November 2002, pages 223-229.					
	11.	International Search Report, PCT/US04/07544, January 18, 2006.					

SC	12.	European Search Report, 03783738.2, January 30, 2006.
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